

## INSTRUCTIONS FOR AUTHORS FOR PUBLICATION IN THE JOURNAL SCIENTIA AGRARIA

Note: These instructions are subject to change. See an updated version of these instructions and an example article at <http://www.ser.ufpr.br/agraria>. These instructions are applied to manuscripts received from October, 2008 and published from volume 10.

### 1. EDITORIAL POLICY

The Journal Scientia Agraria (ISSN 1519-1125-printed and 1983-2443-on-line) is a publication of the Graduate Programs in Agronomy - Plant Production and Soil Science, Division of Agricultural Sciences, Federal University of Paraná. Its goal is the dissemination of scientific knowledge of researchers from any institution that is in the interest of agricultural sciences and to contribute for the scientific advance, preferably in the areas of crop science, crop protection, soil science, agricultural engineering, and rural development. It will be received for examination papers written preferably in English, (papers can also be written in Portuguese or Spanish), compatible with writing lexicology and syntax of the language. SA will receive contributions such as articles, scientific notes and letters to the editor. Review of literature will only be accepted when requested to the author by the editorial board of the magazine. Papers submitted to the magazine should not have been published or submitted to another journal, at the same time.

All papers will be submitted for a first evaluation by the Chief Editor to verify the adequacy to the "Instructions for Authors". A paper preliminarily approved on this first evaluation will be forwarded (without identifying the authors) for two scientific reviewers of the consultative body of the journal. These reviewers will indicate the necessity of corrections to be made in the paper. If the paper has at least one favorable opinion of the scientific reviewers it will be forwarded to an associated editor to express an opinion recommending whether or not the paper will be accepted for publication, or to indicate corrections not listed by the reviewers before accepting it. The scientific reviewers and associated editor must disclose any conflicts of interest (personal, commercial, political, academic or economic) that could influence on their opinion about the manuscript, and, where applicable, shall declare to be not qualified to review it. In each issue of the magazine may be published at the most two scientific notes. Papers submitted in English will be given priority in processing and publication. The concepts, information and findings of the papers are the sole responsibility of the authors.

No reprints or copies will be provided to authors. All published works are available on the SA Journal site <http://www.ser.ufpr.br/agraria>. The distribution of the printed version of the journal Scientia Agraria is performed through an exchange (swap) between libraries in Brazil and abroad.

### 2.2. FORMATTING THE ARTICLE

Articles should be typed in an text editor and printed on 03 (three) copies with black ink on A4 size paper (210 mm x 297 mm), with the top, bottom and left margins of 3.0 cm and right margin of 2.0 cm. The pages should be numbered in the top and right position, and lines of text at left position. The alignment must be justified, double spacing between lines and Arial font size 11.

The papers should have a maximum of fifteen (15) pages typed with double space (not including Tables and Figures, which should be attached at the end of the article). See the model of article available at <http://www.ser.ufpr.br/agraria> for details.

Articles in English should have the following parts: Title in English, Authors, Institutional and Electronic Addresses, Abstract, Key-words, Keywords, Introduction, Material and Methods, Results and Discussion, Conclusions, Acknowledgements, Conflicts of Interest, References, Tables and Figures.

**TITLE:** should be concise and indicate the content of the article. Avoid include scientific names of species of plants, animals or other organisms, except when there is no common name in english or in the language chosen for publication. In the title terms such as evaluation, characterization, performance, contribution, determination, purpose, study, importance, impact, response, or similar should be avoided. The title must be typed in capital letters, bold, and centered on full page. The title must not exceed 25 words.

**AUTHORS:** the concept of authorship is based on the contribution of each of the persons listed as authors in mainly refers to the design of the research project, analyzing and interpreting data, writing and critical review. Participation in data collection and analytical procedures do not constitute authorship and should appear in the acknowledgments. The full names of authors should be entered in a centralized manner, just below the title, with the initials of the names and intermediaries surnames in capital letters, and the other letters in lower case, and last surname, with all the letters in capitals. The surname compounds must be united by a hyphen. First and intermediaries surnames should not be omitted. Call sequential numbers will be attached to each name and these notes will appear in the qualification of the author, titulation, entity where it works, position, city, state, country and e-mail of the author. One of the authors should be identified as correspondent, informing the full address for correspondence. Excessive number of authors should be avoided.

**ABSTRACT:** must be written in a single paragraph, with a maximum of 250 words. Narrative should be direct of what was made and studied, clearly defining the objectives, brief description of the methodology, and presenting the main findings and

conclusions. In the line following the end of the abstract the title **Key-words** should be typed, followed by two points and terms that should be at least three and a maximum of six words or phrases that identify the contents of the article, separated by a semicolon. The **Key-words** should not repeat words in the title.

**INTRODUCTION:** should be brief, based on references, and oriented towards identifying clearly the problem studied, justifying the need for research as a contribution to its solution set and to its end, the objectives of article. The title of this part, and also the others, must be typed in uppercase letters, and centralized, separated by a space of the last line of text that precedes it.

**MATERIAL AND METHODS:** shall contain information and details necessary for the article to be repeated by other researchers. Equipment and instruments used must be accurately identified if their knowledge is of public domain and otherwise, described to enable an understanding of their characteristics. Analytical and statistical methods should not be described if work is cited in the references. Information about the experimental design, treatments and of statistical analysis of results of variables evaluated should be explained. The chemicals products must be submitted by technical names or its active principle. The Editorial Board does not recommend the use of trade names of any products, materials or equipment, except when description of them is considered essential, should, where appropriate, to indicate them with the registered trademark symbol (®). The location of the study must also be indicate, and in the case of experiments in the field should information such as geographical coordinates, weather, and soil class must be included.

**RESULTS AND DISCUSSION:** shall contain concise presentation of data. When presented by tables not present them again as Figures, and vice versa. The tables and figures should be self-explanatory, should not being necessary to use the text for understanding. The results should be presented in accordance with the units of International System of Units (see item 5. Numbers and units). The discussion should be restricted to those results presented, which must be examined in a critical way, considering the current knowledge on the subject, and comparative to reference works already published. Generalizations not based on results are or based on personal communications, as well as in publications of limited circulation are not recommended,.

**CONCLUSIONS:** should be made on the basis of general and specific objectives. Objective phrases should be used than simple resubmission of results.

**ACKNOWLEDGMENTS:** when appropriate, should be succinct and direct and should not appear in any other part or in a footnote.

**CONFLICTS OF INTEREST:** mention the situations that could influence the development or the conclusions of the article. Among these situations are social participation in companies producing the materials or equipment cited or the holding of patents on processes or genetic materials, as well as competitors. The sources of aid received, the relations of subordination in the workplace, consultants, etc are also considered conflict.

**REFERENCES:** see item 3 for rules.

**TABLES AND FIGURES:** the numbering of Tables and Figures should be done sequentially, with arabic numerals. Tables and Figures should be in the picture format, landscape format is not accepted. The titles of Tables must be above the same, and the titles of figures should be below them. In the text they should be cited, such as Table 1 and Figure 1. Note the formatting of the title and content of tables in the model of article available at <http://www.ser.ufpr.br/agraria>. Figures must be submitted only in grayscale, with high resolution.

### 3. REFERENCES

Include only works cited in the text, Tables and Figures, which should be numbered and listed alphabetically by surname of the first author. At least 50% of references must be from periodic journals, and at least 50% of the references should have been published in the last ten years (consider the year of sending the manuscript, not the year of the experiment performance). Citation of complete articles published in periodic journal is preferred, avoiding citation of abstracts or text from internet. Although not mandatory, it is suggested to include at least one or two references articles published at Scientia Agraria journal. The titles of journals should not be abbreviated. The typing of references must follow as the examples below.

#### 3.1. BOOKS, NEWSLETTERS, CIRCULARS, THESES AND DISSERTATIONS

MARSCHNER, H. **Mineral Nutrition of higher plants**. London: Academic Press, 1995. 889 p.

SANTINI, J.E. **Alternatives for monitoring and controlling the process of drying lumber in a greenhouse**. 1996. 198 p. Thesis (Ph.D. in Forest Science - Technology and Utilization of Forest Products) - Post-Graduate Course in Forestry, Federal University of Parana, Curitiba, 1996.

#### 3.2. ARTICLES PUBLISHED IN JOURNALS

DONINI, L.P. et al. Cultivation of shimejii on elephant grass substrate supplemented with different kinds of bran. **Scientia Agraria**, v. 10, n. 1, p. 67-74, 2009.

#### 3.3. PART OF WORK

WARRICK, A. W.; NIELSEN, D. R. Spatial variability of soil physical properties in the field. In: HILLEL, D.

(Ed.). **Applications of soil physics**. New York: Academic Press, 1980. p. 319-344.

STANSEL, J.W. The rice plant: its development and yield. In: MILLER, J.C. **Six decades of rice research in Texas**. Belmont: Texas Agricultural Experimental Station, 1975. p. 9-21. (Research Monograph, 4).

#### 3.4. WORKS PUBLISHED IN ANNALS, ABSTRACTS, EXPANDING ABSTRACTS OR SIMILARS

BASSOI, L. H. et al. Digital image analysis of root distribution towards improved irrigation water and soil management: grapevine and date palm study cases. In: ASAE INTERNATIONAL ANNUAL MEETING, 2000, Milwaukee. **Technical Papers...** St. Joseph: ASAE, 2000. p. 1-6.

#### 3.5. ELECTRONIC FILES

UNITED STATES. Environmental Protection Agency. Environmental Protection Agency. Official of Pesticides Programs. **Using insect repellents safely**. Available at: <<http://www.epa.gov/pesticides/citizens/insectpr.htm>>. Access in jun. 17 jun 2001.

#### 4. TEXT CITATION

The text citation should be in the form: Lima & Santos (2006) or (Lima & Santos, 2005). When there are more than two authors, use the reduced form: (Pereira et al., 2007). References to two or more article(s) from the same author(s) in the same year, will be broken with lowercase letters (eg Carvalho, 2006a). Only in very special cases should be used citation of citation, papers not published or verbal information.

#### 5. NUMBERS AND UNITS

The writing of numerals should be done, as a rule, with Arabic numerals. The units of measure should be written according to the International System of Units (SI). Volumes should be expressed in cubic meters ( $m^3$ ) and its multiple and submultiples as the  $dm^3$ . The unit of mass is the kilogram (kg) and its multiples and submultiples although tonne (t) is accepted. The unit area is the square meter ( $m^2$ ), and its multiples and submultiples, however, the hectare (ha) is used without restrictions. The unit of time of SI is the second (s), however it is accepted, without limitation, the use of minute (min), hour (h) and day (d). The unit of force is the Newton (N) and the unit of pressure is the Pascal (Pa). Temperatures can be expressed in Kelvin degree (K) or Celsius degree ( $^{\circ}C$ ). For material mol shall be used.

Non-SI terms should not be used, such as parts per thousand, parts per million (ppm) and parts per billion (ppb), atm, psi, mmHg, bar,  $^{\circ}F$ , kgf, inch, foot, gallon, bush, acre, N, M, etc. The bar should not be used in the presentation of results. For example, instead of  $450 \text{ kg/m}^3$  should be indicated  $450 \text{ kg m}^{-3}$ .

#### 6.6. OTHER INFORMATION

SCIENTIFIC NOTES are works that describe a technique, equipment, new species or observations of data and surveys limited to non-repeatable experiments, or other unique situations. They should have the same rigor and have the same value as the publication of scientific articles. The notes are not scientific work poorly drafted or results of poorly conducted Experiments. They should have at maximum ten (10) double spaced pages (including Tables and Figures). Observe the same chapters of scientific articles. In each issue of the Journal no more than two scientific notes will be published.

REVIEWS will be accepted only when ordered by the Editorial Board to experts with recognized competence in the subject. This type of work should follow the rules for publication of scientific articles. However, the subdivisions "Material and Methods" and "Results and Discussion" should be replaced by the development of the review. The other parts remain unchanged.

LETTERS TO THE EDITOR can be send with critical comments about the works published in earlier numbers, and whose publication is subject to assessment of the Editorial Board of the magazine. These letters should be signed and must not exceed three pages, in the format proposed for scientific articles.

#### 7. ARTICLE PROCESSING AND PUBLICATION CHARGE

By decision of the board of the journal, the work written in English are exempted from the processing charge, and will have priority for processing and publication.

#### 8. SUBMISSION OF WORK

The manuscripts must be accompanied by a letter of signed by all authors. In the letter of submission, the authors must declare that: a) the work was not published in full or sent for publication in another Journal, b) the conflicts of interests are adequately described in the body of work, c) the authors assume responsibility for figures d), the authors agree to transfer the rights to reproduction (analog and digital) of the published work to Scientia Agraria. The authors should also suggest to the publishers in which section of the magazine (crop science, crop protection, soil science, agricultural engineering, rural development, scientific note) the work must be framed.

The works should be submitted to the journal Scientia Agraria, at the address below in three (03) copies (front only) and a digital (in Word version 2003 or older), recorded CD (properly secured). Currently, the magazine is not accepting online submission of works.

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